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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/024,815	
	Filing Date	December 18, 2001	
	First Named Inventor	Russell L. Johnson	
	Group Art Unit	2855	
	Examiner Name	Not yet assigned	
Total Number of Pages in This Submission	7	Attorney Docket Number	B10-25539-US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return post card; others listed in remarks.
Remarks Enclosed is a Preliminary Amendment consisting of two pages, along with one page of marked-up specification, one page of drawing with corrections shown in red (FIG. 4), and one sheet of substitute drawing (FIG. 4).		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Gregory A. Bruns, Registration No. 33,656 4612 Bruce Avenue South, Edina, MN 55424-1123
Signature	<i>Gregory A. Bruns</i>
Date	4/29/02

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Typed or printed name	Gregory A. Bruns		
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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Minneapolis, Minnesota
April 29, 2002

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PRE
Amend
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5-2-02
OIP

Applicant: Russell L. Johnson **Group:** 2855
Serial No.: 10/024,815 **Examiner:** Not yet assigned
Filed: December 18, 2001 **Atty. Docket No.:** B10-25539 US
For: SENSOR FORMED ON SILICON ON INSULATOR STRUCTURE AND HAVING REDUCED POWER UP DRIFT

PRELIMINARY AMENDMENT

Commissioner for Patents
Box Non-Fee Amendment
Washington, D.C. 20231

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Dear Sir or Madam:

The above-identified patent application was filed December 18, 2001. Formal drawings were filed March 1, 2002. Please amend the above application as follows:

IN THE DRAWINGS

Upon review of the formal drawings filed March 1, 2002, a discrepancy between the drawing as filed and the formal drawing has been observed. The correction is marked in red on the enclosed FIG. 4, and a corrected substitute drawing is enclosed herewith, thereby bringing the recently submitted FIG. 4 into conformance with FIG. 4 as originally filed. Please acknowledge acceptance of corrected FIG. 4.

IN THE SPECIFICATION

Detail with respect to all amendments made herein is provided in the marked-up version (attached to the rear of this amendment) as required under 37 CFR §1.121(b).

Amend page 4, the paragraph beginning at line 31, to read as follows:

A1 Applying a voltage to the epi layer may be accomplished with various configurations:

Amend page 5, line 31, to read as follows:

A2 Then: $R2 = 10(1-3/5) = 4 \text{ K OHMS}$ and $R1 = 10\text{K}-R2 = 6 \text{ K OHMS}$